

IN THE SPECIFICATION:

Please amend the following paragraphs:

The second full paragraph on page 38:

EXAMPLE 3. SCREENING OF PUTATIVE LIGANDS FOR IGS1.

Example 3a. Construction of IGS-1 transfected ~~CHOG-16~~ CHOG α 16-cells.

c1
To identify ligands for IGS1, Chinese Hamster Ovary (CHO) cells were stably transfected with IGS1. Since the G-protein coupling mechanism of IGS1 was unknown, a specific CHO-cell strain was used, which expresses the G-protein ~~G-16~~ G α 16 (~~CHOG-16-CHOG α 16~~, Molecular Devices), known as a "universal adapter" for GPCRs (Milligan G. et al. (1996) Trends Pharmacol. Sci. 17: 235-7).

The fourth full paragraph on page 39:

Example 3b. Intracellular calcium measurements.

c2
The ~~CHOG-16- CHOG α 16~~ IGS1 cells were functionally screened on a Flourometric Imaging Plate Reader (FLIPR) to measure mobilisation of intracellular calcium in response to putative ligands.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com